

ABSTRACTS

An IC chip (12) having a memory (16) for memorizing a first random number (11) and information other than the first random number (11) (identification number 17 and the like) and for
5 transmitting information in the memory (16) non-contact condition with a time difference according to a numeric value of the first random number (11). By setting the first random number (11) in a memory address counter (13) of the IC chip (12) for time difference control, the memory address counter (13)
10 can be used for memory data transmission control at the same time, thereby building up a logic simply. As a consequence, it is possible to construct a semiconductor device capable of anti-collision control in the size of 0.5 mm square or less.

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